

Converting Colors

Decimal(15937994)

Have a look what the booklet for
Decimal(15937994) contains.

Decimal(15937994)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(15937994)

Conversions

Conversions Part 1

Format	Color
Hex	F331CA
RGB	243, 49, 202
RGB Percent	95%, 19%, 79%
CMY	0.0471, 0.8078, 0.2078
CMYK	0.00, 0.80, 0.17, 0.05
HSL	313°, 89%, 57%
HSV	313°, 80%, 95%
XYZ	48.7211, 25.5156, 58.2342
YIQ	124.4480, 66.5110, 88.7110

Conversions

Conversions Part 2

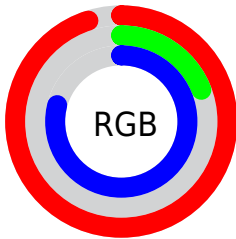
Format	Color
R _Y B	243, 49, 202
Decimal	15937994
CIE Lab	57.57, 83.03, -35.49
CIE LCh	58, 90.293, 336.854
Yxy	25.5156, 0.3678, 0.1926
Android (android.graphics.Color)	4294128074 (0xFFFF331CA)
YUV	124.4480, 38.2331, 103.9701
Hunter-Lab	50.5129, 83.7705, -32.9938

Details

The Decimal color **15937994** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **3273562**, and the grayscale version is **8158332**.

A 20% lighter version of the original color is **16742143**, and **11927699** is the 20% darker color. If you saturate the color by 10%, you get **15931845**, and if you desaturate by 10%, it is **15944143**.

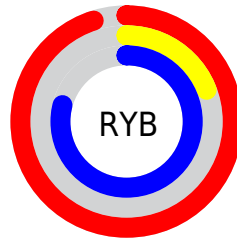
Distribution



Red (95%)

Green (19%)

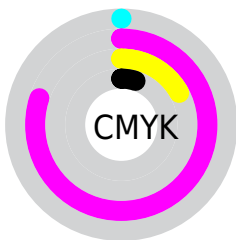
Blue (79%)



Red (95%)

Yellow (19%)

Blue (79%)

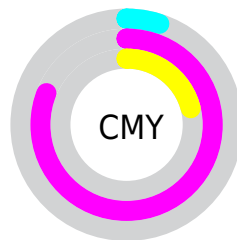


Cyan (0%)

Magenta (80%)

Yellow (17%)

Black (5%)



Cyan (5%)

Magenta (81%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15937994 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 15937994 by changing the saturation by 10% instead.

 15937994

 15937994

16777215

 13893806

 16742143

 11927699

 16749823

 9961593

 16757503

 8061024

 16765439

 6160456

 16773119

 4390961

 2424859

 0

 15937994

 15937994

15931845

15944143

15925440

15950548

15956697

15962847

15968996

15975401

15981550

15987699

15990776

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



10251263



15937994



16711804

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



15937994



9997568



43752

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



15937994



3273562

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



43931



15937994



3972864

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



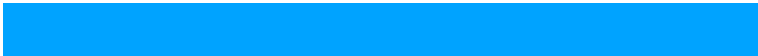
15937994



14118400



42823



41983

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15937994



16721225



42823



43984

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



15937994



16761586



5779955



8412024



0



8421504

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



15937994



16714443



15937899



8023672



12189843



3866670

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



15937994



16714443



3273657



8023672



12189843



3866670

Previews

White Background



This preview shows how the Decimal color 15937994 looks on a white background.

Color Contrast Check

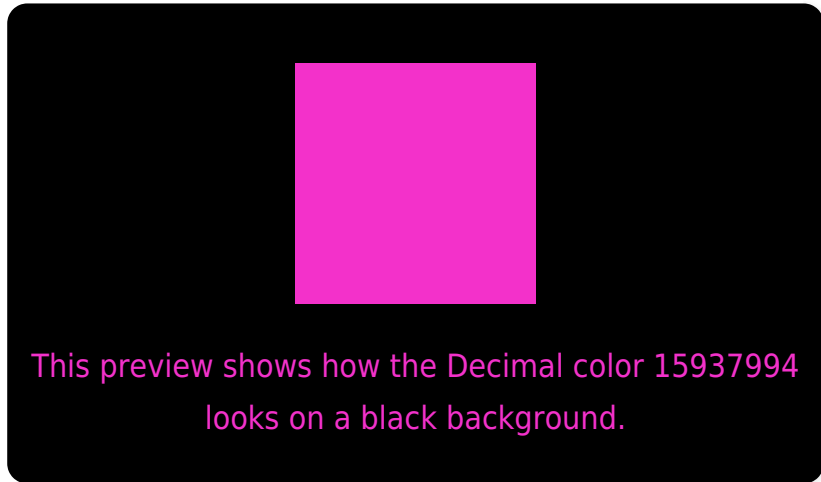
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 15937994 Background



This preview shows how black text looks on a background with the Decimal color 15937994.



This preview shows how white text looks on a background with the Decimal color 15937994.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Trichromacy



Original Color
15937994



Protanomaly
9005292



Deuteranomaly
10906051



Tritanomaly
15551110

Monochromacy



Original Color
15937994



Achromatopsia
8158332



Achromatomaly
10969496

CSS Examples

Text

The CSS property to change the color of the text to Decimal 15937994 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #F331CA looks like.

```
.text, #text, p{  
    color:#F331CA  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #F331CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F331CA
}
```

Border

The CSS property to change the border of an element to Decimal 15937994 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F331CA }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#F331CA }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #F331CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F331CA; -webkit-box-shadow:4px 4px  
4px 4px #F331CA; box-shadow:4px 4px 4px  
4px #F331CA }
```

Background

The CSS property to change the background color of an element to Decimal 15937994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F331CA }
```

If only the background color should be changed can be used:

```
.background{ background-color:#F331CA }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor